

0212.66894

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Wolfgang Hirschburger

Serial No.: 10/685,280

Conf. No.: 4919

Filed: 10/14/2003

For: PORTABLE BATTERY
CHARGING AND AUDIO
UNIT

Art Unit: 2644

Examiner:



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4/13/06
Date


Attorney for Applicant(s)
Registration No. 26174

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

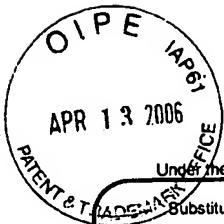
Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By:


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INFORMATION DISCLOSURE
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Sheet 1 of 10

Complete if Known

Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	

Attorney Docket Number 0212.66894

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DP/		US- 4,835,409	05-30-1989	Bhagwat et al.	
		US- 4,188,585	02-12-1980	Wissel et al.	
		US- 5,136,229	08-04-1992	Galvin	
		US- 6,223,025 B1	04-24-2001	Tsukuda	
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		US- 5,590,401	12-31-1996	Ide et al.	

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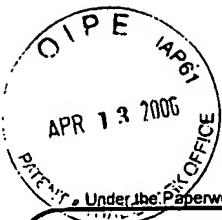
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/DP/		JP 09-051281	02-18-1997			
		JP 52-112705	08-26-1977			
		JP 09-200974	07-31-1997			
		JP 08-308113	11-22-1996			
		JP 08-185893	07-16-1996			
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Examiner Signature	/Disler Paul/	Date Considered	04/06/2007
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Sheet 2 of 10

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/DP/		US- 6,374,127 B1	04-16-2002	Park	
		US- 6,326,764 B1	12-04-2001	Virtudes	
		US- 6,336,039 B1	01-01-2002	Usui et al.	
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		US- 3,968,417	07-06-1976	Dials	
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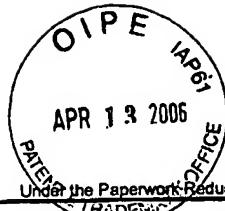
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/DP/		JP 50-133804	11-04-1975			
		JP 40-007852	04-18-1962			
		WO 87/02848	05-07-1987	General Electr.		
		JP 52-112705	02-20-1951			
		EP 0511740 A1	11-04-1992	Gates Energy		
		EP 0340794 A2	11-08-1989	NEC Corporation		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 10

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First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

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/DP/		US- 3,533,119	10-13-1970	Dokos	
		US- 3,525,912	08-25-1970	Wallin	
		US- 5,628,054	05-06-1997	Osaka	
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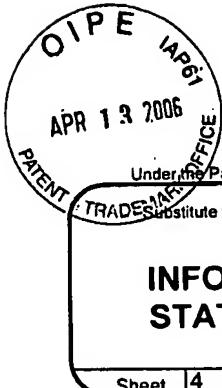
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/DP/		GB 2242083 A	09-18-1991	Technophone Ltd.		
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		JP 05-031378	04-23-1993			

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		Filing Date	10-14-2003
		First Named Inventor	Wolfgang Hirschburger
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Sheet 4 of 10		Attorney Docket Number	0212.66894

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/DP/		US- D134,136	10-20-1942	Sherman et al.	
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		US- D240,836	08-03-1976	Corvette	
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/DP/		JP 06-005232	01-21-1994			
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		JP 07-193444	07-28-1995			
		JP 08-195191	07-30-1996			
		JP 07-307580	11-21-1995			

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FOREIGN PATENT DOCUMENTS

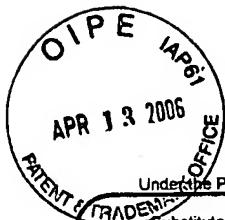
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 04-150728	05-25-1992			
		JP 61-197646	09-01-1986			
		DE 69803432 T2	06-09-1999	Palazzoli		
		EP 0310717 A1	04-12-1989	Black & Decker		
		GB 2195841 A	04-13-1988	Mitsubishi		
		EP 0090480 A2	10-05-1983	Automation Ind.		

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Attorney Docket Number	0212.66894

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/DP/		US- 6,112,414	09-05-2000	Andis et al.	
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		US- 5,325,040	06-28-1994	Bogut et al.	
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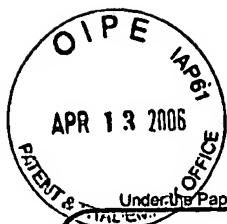
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/DP/		DE G7342534	03-14-1974	Black & Decker		
		EP 0511740 A1	11-04-1992	Toops		
		WO 81/00654	03-05-1981	Motorola		
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		DE 1463443	01-23-1969	Norddt. Mende		

Examiner Signature	/Disler Paul/	Date Considered	05/07/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 10

Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	

Attorney Docket Number 0212.66894

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		US- 5,193,220	03-09-1993	Ichinohe et al.	
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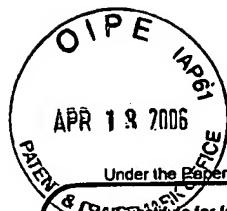
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		EP 0920062 A1	06-02-1999	Celgard LLC		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8 of 10

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Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

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		US- 5,651,485	07-29-1997	Impastato	
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/DP/		GB 632185	03-13-1950	Kolster Brandes Ltd.		

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Sheet 9 of 10

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Examiner Name	

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		Number-Kind Code ² (if known)			
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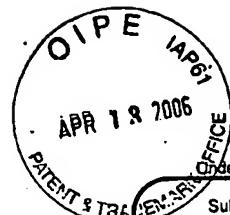
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Sheet 10 of 10

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Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

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				Filing Date	10-14-2003
				First Named Inventor	W. Hirschburger
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	0212.66894

NON PATENT LITERATURE DOCUMENTS				
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/DP/	1	CARL J. CAMPAGNUOLO et al., Development of the G-76/G direct current generator for charging batteries and powering radios, p.238-243		T ²
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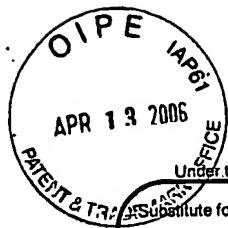
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2

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2

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NON PATENT LITERATURE DOCUMENTS

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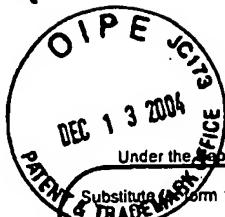
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Substitute Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		Application Number	10/685,280
		Filing Date	10/14/2003
		First Named Inventor	Hirschburger et al.
		Art Unit	2644
		Examiner Name	/
Sheet	1	of	1
		Attorney Docket Number	
		0212.66894	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	/Disler Paul/	Date Considered	04/06/2007
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete Filing Info	
Application Number	10/685,280
Filing Date	10/14/2003
First Named Inventor	W. Hirschburger
Art Unit	2644
Examiner Name	
Attorney Docket Number	-212/77904

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Disler Paul/	Date Considered	04/06/2007
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.			

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PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
0212.66894	10/685,280	4919
APPLICANT	Wolfgang Hirschburger	
FILING DATE	GROUP	
10/14/2003	2644	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/DP/	1A D444,451	7/3/2001	Bailey	
	1B			
	1C			
	1D			
	1E			
	1F			
	1G			
	1H			
	1I			
	1J			
	1K			

FOREIGN PATENT DOCUMENTS

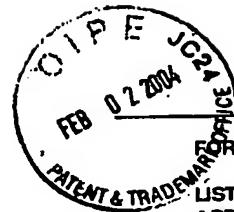
	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L				
	1M				
	1N				
	1O				
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

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PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/DP/	1A	3,458,794	July 29, 1969	Bohnstedt et al.	
	1B	4,870,702	Sep. 26, 1989	Azzouni	
	1C	5,220,269	June 15, 1993	Chen et al.	
	1D	5,633,096	May 27, 1997	Hattori	
	1E	5,810,168	Sep. 22, 1998	Eggering	
	1F	6,215,276	Apr. 10, 2001	Smith	
	1G	6,308,059	Oct. 23, 2001	Domes	
↓	1H	6,427,070	July 30, 2002	Smith	
	1I	2002/0077073	June 20, 2002	Smith	
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	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/DP/	1L	0 987 783	3/22/2000	EP		
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

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04/06/2007